

11 said chamber having a chamber outlet for emitting drawn
12 filaments, distributing means for deflecting and slowing
13 air streams at the chamber outlet and for distributing
14 the filaments homogeneously over a receiving belt, said
15 extruding means, cooling means, filament-drawing assembly
16 and distributing means being separately controllable and
17 independently adjusted during start-up and continuous
18 operation.

1 10. (new) Installation according to claim 9, in
2 which the cooling means and the filament-drawing assembly
3 each comprise a plurality of elementary modules placed
4 side by side, the distributing means extending along the
5 entire width of the web produced.

1 11. (new) Installation according to claim 9, in
2 which the cooling zone comprises an assembly having a
3 plurality of successive zones for subjecting the curtain
4 of ~~filaments~~ to a transverse air current, the speed and
5 temperature of which may be adjusted independently in
6 each of the zones.

1 12. (new) Installation according to claim 9, in
2 which the suction device has a suction slot, the width of
3 which may be adjusted automatically according to the
4 production of the machine.

1 13. (new) Installation according to claim 9, in
2 which the distributing means is spaced from the filament
3 drawing assembly and comprises an assembly which
4 laterally deflects the air flow, reducing the speed
5 thereof and that of the filaments, and facilitating the
6 uniform deposition on the receiving belt by eliminating
7. any rebound at the moment of this deposition.

1 14. (new) Installation according to claim 13, in
2 which the distributing means is associated with an
3 assembly which electrostatically charges the said
4 filaments before deposition on the receiving belt.

1 15. (new) Installation according to claim 9,
2 further including computer means for controlling the
3 extruder means, the cooling means, the filament-drawing
4 assembly and the distributing means, making it possible
5 to bring about the increase in speed of the production
6 line automatically.

1 16. (new) Method for using an installation
2 according to claim 3, in which:
3 - during the start-up phase, the temperature of
4 the air inside each successive zone decreases
5 from one zone to the next, it being possible

6 for the speed of the traversing air in each
7 zone to be adjusted and to be between 0.5
8 m/second and 3 m/second in each of the said
9 zones;
10 - the production speed is then increased
11 progressively, the parameters of the cooling
12 zone for cooling and heating up the filaments
13 being modified in order to:
14 • increase the air speed in a first
15 successive zone, the temperature remaining
16 unchanged,
17 • increase the temperature in a second
18 successive zone to bring it to the level
19 of that of the first zone and increase the
20 air speed in this zone,
21 • increase the air temperature in a third
22 successive zone and increase the air speed
23 in this zone,
24 - simultaneously, the width of the drawing slot
25 is progressively reduced to attain a nominal
26 operating value, the pressure of the drawing
27 air being progressively increased.

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